User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 14:53:17

Sample: AE05846
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 4/15/20 00:02 Ended: 4/15/20 00:02 Analyst: MG
Result source: c:\hpchem\1\data\apr1202\ref2.d\ref2.rr
Page: 1

	Component Name	Vfol	Result	MDL
1	n-Nitrosodimethylamine		9.1	2.0
2	bis(2-Chloroethyl)ether		14	2.0
3	1,3-Dichlorobenzene		8.2	2.0
4	1,4-Dichlorobenzene		8.9	2.0
5	1,2-Dichlorobenzene		10	2.0
6	2,2-oxybis(1-Chloropropane)		14	2.0
7	n-Nitrosodi-n-propylamine		14.4	2.0
8	Hexachloroethane		4.5	2.0
9	Nitrobenzene		13	2.0
10	Isophorone		12	2.0
11	bis(2-Chloroethoxy)methane		14	2.0
12	1,2,4-Trichlorobenzene		11	2.0
13	Naphthalene		14	2.0
14	Hexachlorobutadiene		3.0	2.0
15	2-Chloronaphthalene		14	2.0
16	Dimethylphthalate		17	2.0
17	2,6-Dinitrotoluene		14	2.0
18	Acenaphthylene		15	2.0
19	Acenaphthene		15	2.0
20	2,4-Dinitrotoluene		13	2.0
21	Diethylphthalate		17	2.0
22	4-Chlorophenylphenylether		15.8	2.0
23	Fluorene		16	2.0
24	Azobenzene		13.4	2.0
25	n-Nitrosodiphenylamine		12	2.0
26	4-Bromophenylphenylether		15.8	2.0
27	Hexachlorobenzene		16	2.0
28	Phenanthrene		16	2.0
29	Anthracene		14	2.0
30	Di-n-butylphthalate		17	2.0
31	Fluoranthene		16	2.0
32	Pyrene		17	2.0
33	Butylbenzylphthalate		16	2.0
34	Benzo(a)anthracene		16	2.0
35	bis(2-Ethylhexyl)phthalate		17	2.0
36	Chrysene		18	2.0
37	Di-n-octylphthalate		14	2.0
38	Benzo(b)fluoranthene		17	2.0
39	Benzo(k)fluoranthene		16	2.0
40	Benzo(a)pyrene		13	2.0
41	Indeno(1,2,3-cd)pyrene		15	2.0
42	Dibenz(a,h)anthracene		17	2.0
43	Benzo(g,h,i)perylene		16	2.0

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 04/17/2002 Time: 14:54:06

Sample: AE05846
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 4/15/20 00:02 Ended: 4/15/20 00:02 Analyst: MG
Result source: calculation
Page: 1

	Component Name	Viol	Result	MDL
1	n-Nitrosodimethylamine		46	2.0
2	bis(2-Chloroethyl)ether		70	2.0
3	1,3-Dichlorobenzene		41	2.0
4	1,4-Dichlorobenzene		44	2.0
5	1,2-Dichlorobenzene		50	2.0
6	2,2-oxybis(1-Chloropropane)		70	2.0
7	n-Nitrosodi-n-propylamine		72	2.0
8	Hexachloroethane		22	2.0
9	Nitrobenzene		65	2.0
10	Isophorone		60	2.0
11	bis(2-Chloroethoxy)methane		70	2.0
12	1,2,4-Trichlorobenzene		55	2.0
13	Naphthalene		70	2.0
14	Hexachlorobutadiene		15	2.0
15	2-Chloronaphthalene		70	2.0
16	Dimethylphthalate		85	2.0
17	2,6-Dinitrotoluene		70	2.0
18	Acenaphthylene		75	2.0
19	Acenaphthene		75	2.0
20	2,4-Dinitrotoluene		65	2.0
21	Diethylphthalate		85	2.0
22	4-Chlorophenylphenylether		79	2.0
23	Fluorene		80	2.0
24	Azobenzene		67	2.0
25	n-Nitrosodiphenylamine		60	2.0
26	4-Bromophenylphenylether		79	2.0
27	Hexachlorobenzene		80	2.0
28	Phenanthrene		80	2.0
29	Anthracene		70	2.0
30	Di-n-butylphthalate		85	2.0
31	Fluoranthene		80	2.0
32	Pyrene		85	2.0
33	Butylbenzylphthalate		80	2.0
34	Benzo(a)anthracene		80	2.0
35	bis(2-Ethylhexyl)phthalate		85	2.0
36	Chrysene		90	2.0
37	Di-n-octylphthalate		70	2.0
38	Benzo(b)fluoranthene		85	2.0
39	Benzo(k)fluoranthene		80	2.0
40	Benzo(a)pyrene		65	2.0
41	Indeno(1,2,3-cd)pyrene		75	2.0
42	Dibenz(a,h)anthracene		85	2.0
43	Benzo(g,h,i)perylene		80	2.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1202\REF2.D Vial: 5
Acq On : 15 Apr 2002 12:00 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:00 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.23	152	521869	20.00	ug/l	0.00
10) Naphthalene-d8	15.87	136	1943445	20.00	ug/l	0.00
17) Acenaphthene-d10	21.17	164	1100831	20.00	ug/l	0.00
30) Phenanthrene-d10	25.62	188	1615227	20.00	ug/l	0.00
39) Chrysene-d12	33.67	240	1019420	20.00	ug/l	0.00
45) Perylene-d12	37.91	264	661333	20.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.31	209	39860	7.22	ug/L	-0.02
Spiked Amount 10.000			Recovery = 72.20%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.87	74	102869	9.06	ug/l	96
3) bis(2-Chloroethyl)ether	11.62	93	251740	14.24	ug/l	100
4) 1,3-Dichlorobenzene	12.13	146	149088	8.18	ug/l	98
5) 1,4-Dichlorobenzene	12.28	146	163870	8.93	ug/l	99
6) 1,2-Dichlorobenzene	12.79	146	174921	10.27	ug/l	98
7) 2,2'-oxybis(1-Chloropropan	13.11	45	348444	14.27	ug/l	97
8) N-Nitroso-di-n-propylamine	13.50	70	167135	14.42	ug/l	99
9) Hexachloroethane	13.64	117	30193	4.49	ug/l	99
11) Nitrobenzene	13.91	77	224619	13.18	ug/l	99
12) Isophorone	14.55	82	395659	12.27	ug/l	99
13) bis(2-Chloroethoxy)methane	15.24	93	302005	14.38	ug/l	99
14) 1,2,4-Trichlorobenzene	15.76	180	157278	10.65	ug/l	98
15) Naphthalene	15.92	128	638594	13.67	ug/l	100
16) Hexachlorobutadiene	16.47	225	22125	2.99	ug/l	97
18) Hexachlorocyclopentadiene	18.67	237	3953	0.81	ug/l	95
19) 2-Chloronaphthalene	19.43	162	396263	13.65	ug/l	99
20) Dimethylphthalate	20.51	163	555251	16.59	ug/l	98
21) 2,6-Dinitrotoluene	20.73	165	110459	13.80	ug/l	97
22) Acenaphthylene	20.70	152	611448	15.05	ug/l	99
23) Acenaphthene	21.26	153	433330	15.01	ug/l	99
24) 2,4-Dinitrotoluene	21.90	165	141030	13.39	ug/l	97
25) Diethylphthalate	22.65	149	538161	16.76	ug/l	99
26) 4-Chlorophenyl-phenylether	22.81	204	224810	15.78	ug/l	98
27) Fluorene	22.78	166	488549	15.98	ug/l	98
29) Azobenzen/ 1,2-Diphenylhyd	23.27	77	456340	13.43	ug/L	99
31) N-Nitrosodiphenylamine	23.19	168	163649	12.18	ug/l	98
32) 4-Bromophenyl-phenylether	24.27	248	123762	15.78	ug/l	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1202\REF2.D Vial: 5
Acq On : 15 Apr 2002 12:00 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:00 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

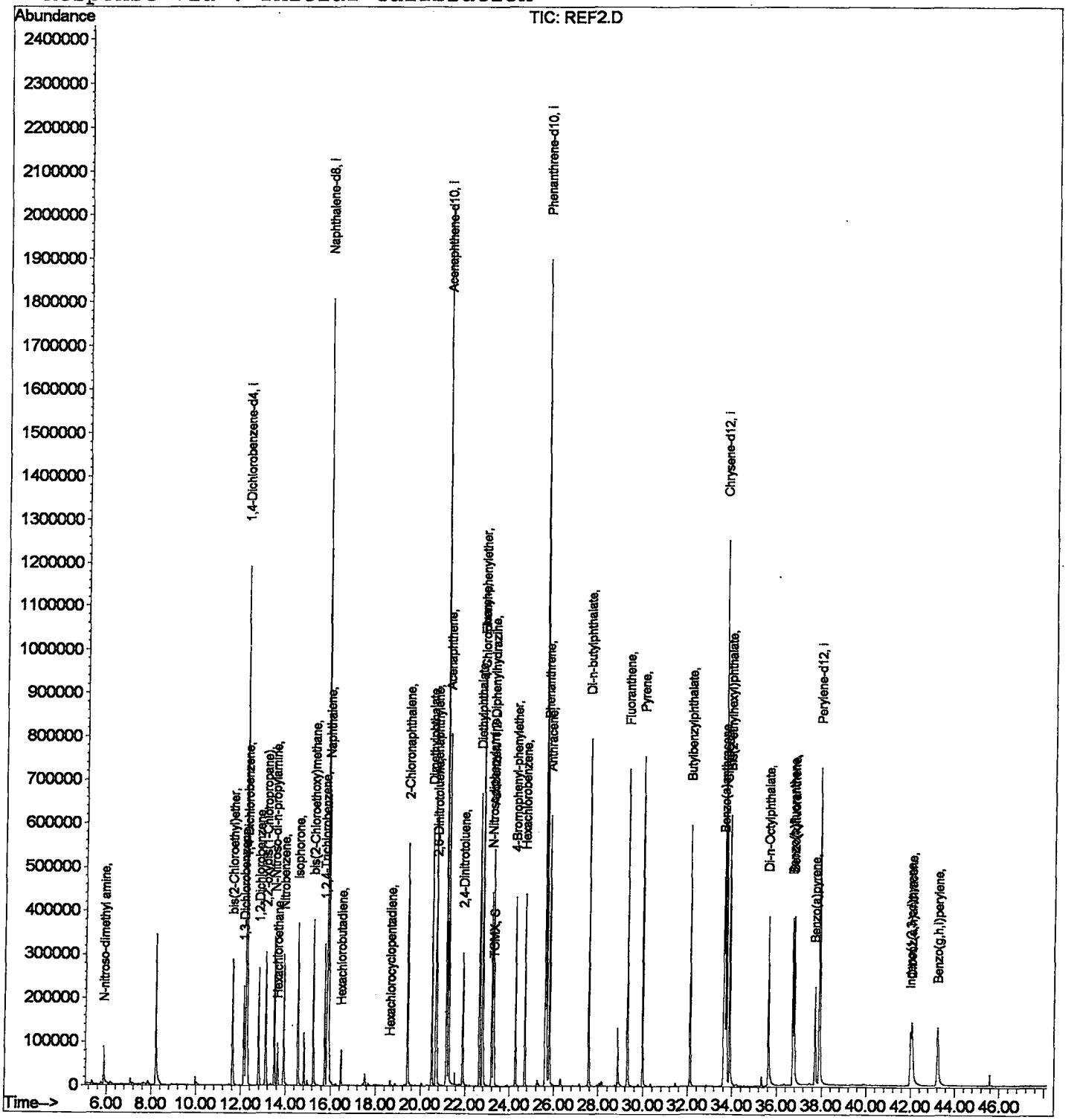
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
33)	Hexachlorobenzene	24.71	284	146241	15.76	ug/l		97
34)	Phenanthrene	25.68	178	673880	16.15	ug/l		99
35)	Anthracene	25.81	178	588432	14.34	ug/l		100
36)	Di-n-butylphthalate	27.58	149	898602	17.22	ug/l		100
37)	Fluoranthene	29.30	202	677028	16.13	ug/l		98
40)	Pyrene	29.98	202	700419	17.10	ug/l		98
41)	Butylbenzylphthalate	32.11	149	328806	16.42	ug/l		97
42)	Benzo(a)anthracene	33.61	228	467353	16.45	ug/l		99
43)	Bis(2-ethylhexyl)phthalate	33.89	149	447199	17.45	ug/l		98
44)	Chrysene	33.74	228	496626	17.63	ug/l		99
46)	Di-n-Octylphthalate	35.62	149	552445	14.14	ug/l	#	99
47)	Benzo(b)fluoranthene	36.71	252	417161	16.53	ug/l		99
48)	Benzo(k)fluoranthene	36.79	252	398007	16.19	ug/l		98
49)	Benzo(a)pyrene	37.71	252	261823	12.58	ug/l		98
50)	Indeno(1,2,3-cd)pyrene	41.99	276	305993	14.60	ug/l		96
51)	Dibenz(a,h)anthracene	42.08	278	264302	16.54	ug/l		98
52)	Benzo(g,h,i)perylene	43.23	276	284453	16.26	ug/l		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1202\REF2.D Vial: 5
Acq On : 15 Apr 2002 12:00 pm Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 15:00 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1202\REF1.D Vial: 4
Acq On : 15 Apr 2002 11:01 am Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 14:57 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.23	152	552966	20.00	ug/l		-0.01
10) Naphthalene-d8	15.87	136	2059168	20.00	ug/l		-0.01
17) Acenaphthene-d10	21.17	164	1179091	20.00	ug/l		0.00
30) Phenanthrene-d10	25.62	188	1731370	20.00	ug/l		0.00
39) Chrysene-d12	33.68	240	1139920	20.00	ug/l		0.00
45) Perylene-d12	37.91	264	769668	20.00	ug/l		-0.01
System Monitoring Compounds							
28) TCMX	23.31	209	43950	7.44	ug/L		-0.02
Spiked Amount 10.000			Recovery = 74.40%				
38) 2,4-DDD	0.00	235	0	0.00	ug/mL		
Spiked Amount 5.000			Recovery = 0.00%				
Target Compounds							Qvalue
2) N-nitroso-dimethyl amine	5.88	74	95559	7.94	ug/l		98
3) bis(2-Chloroethyl)ether	11.62	93	239980	12.81	ug/l		99
4) 1,3-Dichlorobenzene	12.13	146	160566	8.31	ug/l		97
5) 1,4-Dichlorobenzene	12.28	146	174677	8.99	ug/l		98
6) 1,2-Dichlorobenzene	12.79	146	182232	10.10	ug/l		100
7) 2,2'-oxybis(1-Chloropropan	13.11	45	335299	12.96	ug/l		100
8) N-Nitroso-di-n-propylamine	13.50	70	156955	12.78	ug/l		98
9) Hexachloroethane	13.64	117	33571	4.71	ug/l		98
11) Nitrobenzene	13.91	77	213222	11.81	ug/l		99
12) Isophorone	14.56	82	376122	11.01	ug/l		98
13) bis(2-Chloroethoxy)methane	15.24	93	297390	13.37	ug/l		99
14) 1,2,4-Trichlorobenzene	15.76	180	160599	10.26	ug/l		99
15) Naphthalene	15.92	128	623104	12.59	ug/l		99
16) Hexachlorobutadiene	16.47	225	25978	3.32	ug/l		97
18) Hexachlorocyclopentadiene	18.67	237	4736	0.91	ug/l	#	97
19) 2-Chloronaphthalene	19.43	162	400957	12.89	ug/l		98
20) Dimethylphthalate	20.52	163	549576	15.33	ug/l		99
21) 2,6-Dinitrotoluene	20.73	165	112479	13.12	ug/l		98
22) Acenaphthylene	20.69	152	619173	14.23	ug/l		100
23) Acenaphthene	21.26	153	437407	14.14	ug/l		100
24) 2,4-Dinitrotoluene	21.90	165	142885	12.66	ug/l		100
25) Diethylphthalate	22.65	149	538222	15.65	ug/l		99
26) 4-Chlorophenyl-phenylether	22.81	204	227986	14.94	ug/l		97
27) Fluorene	22.78	166	493405	15.07	ug/l		99
29) Azobenzen/ 1,2-Diphenylhyd	23.26	77	461048	12.67	ug/L		97
31) N-Nitrosodiphenylamine	23.19	168	165668	11.50	ug/l		99
32) 4-Bromophenyl-phenylether	24.27	248	125307	14.91	ug/l		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR1202\REF1.D Vial: 4
Acq On : 15 Apr 2002 11:01 am Operator:
Sample : gc/ms scan 4/11 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 16 14:57 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33) Hexachlorobenzene	24.71	284	151716	15.26 ug/l	97
34) Phenanthrene	25.68	178	679332	15.19 ug/l	99
35) Anthracene	25.81	178	597066	13.58 ug/l	99
36) Di-n-butylphthalate	27.58	149	892031	15.95 ug/l	99
37) Fluoranthene	29.30	202	674640	15.00 ug/l	99
40) Pyrene	29.98	202	706073	15.42 ug/l	98
41) Butylbenzylphthalate	32.11	149	321015	14.33 ug/l	98
42) Benzo(a)anthracene	33.61	228	483781	15.23 ug/l	99
43) Bis(2-ethylhexyl)phthalate	33.89	149	444041	15.50 ug/l	98
44) Chrysene	33.74	228	518783	16.47 ug/l	99
46) Di-n-Octylphthalate	35.62	149	560925	12.34 ug/l	99
47) Benzo(b)fluoranthene	36.71	252	446246	15.19 ug/l	99
48) Benzo(k)fluoranthene	36.79	252	430524	15.05 ug/l	97
49) Benzo(a)pyrene	37.71	252	284669	11.75 ug/l	98
50) Indeno(1,2,3-cd)pyrene	42.00	276	346087	14.19 ug/l	97
51) Dibenz(a,h)anthracene	42.08	278	306007	16.46 ug/l	99
52) Benzo(g,h,i)perylene	43.23	276	322109	15.82 ug/l	99

(#) = qualifier out of range (m) = manual integration
REF1.D GCMS0412.M Tue Apr 16 14:59:43 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR1202\REF1.D
Acq On : 15 Apr 2002 11:01 am
Sample : gc/ms scan 4/11
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 16 14:57 2002

Vial: 4
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Apr 16 14:55:12 2002
Response via : Initial Calibration